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**COMBINED DECLARATION AND POWER OF ATTORNEY  
(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL,  
CONTINUATION, OR C-I-P)**

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As a below named inventor, I hereby declare that:

**TYPE OF DECLARATION**

This declaration is for an original application.

**INVENTORSHIP IDENTIFICATION**

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am an original, first and joint inventor of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

**TITLE OF INVENTION**

REFRACTORY LINING FOR METALLURGICAL VESSEL

**SPECIFICATION IDENTIFICATION**

The specification was filed on April 13, 2001, and assigned Application Serial No. 09/834,463.

**ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR**

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, Section 1.56, and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent.

**POWER OF ATTORNEY**

I hereby appoint the following practitioner(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

APPOINTED PRACTITIONER(S)

Mark Kusner

REGISTRATION NUMBER(S)

31,115

I hereby appoint the practitioner(s) associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

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SEND CORRESPONDENCE TO

Mark Kusner  
Mark Kusner Co., LPA  
Highland Place - Suite 310  
6151 Wilson Mills Road  
Highland Heights, OH 44143  
US  
Customer Number 22203

DIRECT TELEPHONE CALLS TO:

Mark Kusner  
440-684-1090

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**DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**SIGNATURE(S)**

Donald E. Abrino

Inventor's signature

Date April 18, 2001

Residence Curwensville, PA

Post Office Address RD #1, Box 393, Curwensville, PA 16833

  
Country of Citizenship U.S.

John Crooks

Inventor's signature

Date 4-24-01

Residence Robeson, PA

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Ronald Barrett

Inventor's signature

Date 4-30-01

Residence Curwensville, PA

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Country of Citizenship U.S.

■■■■■■

Shyam Miglani

Inventor's signature

*Shyam Miglani*

Date April 18, 2001

Country of Citizenship U.S.

Residence State College, PA

Post Office Address 683 Berkshire Drive, State College, PA 16801

For: U.S. Rights and Foreign Rights  
For: U.S. Application  
By: Inventors

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNORS:**

Donald E. Abrino  
RD #1, Box 393  
Curwensville, PA 16833  
Nationality: U.S.

John Crooks  
101 S. Robeson St.  
Robesonia, PA 19551  
Nationality: U.S.

Ronald Barrett  
RR 3, Box 261  
Curwensville, PA 16833  
Nationality: U.S.

Shyam Miglani  
683 Berkshire Drive  
State College, PA 16801  
Nationality: U.S.

hereby sell, assign and transfer to

**ASSIGNEE:**

North American Refractories Co.  
c/o RHI Refractories America  
600 Grant Street, #5100  
Pittsburgh, PA 15219 US  
An Ohio Corporation

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

**REFRACTORY LINING FOR METALLURGICAL VESSEL**

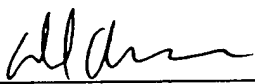
and which is found in (37 C.F.R. Section 3.21) U.S. Application Serial No. 09/834,463 filed on April 13, 2001 and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

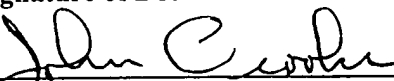
ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal on the date(s) set forth below.

Date: April 18, 2001

  
\_\_\_\_\_  
Signature of Donald E. Abrino

Date: 4-24-01

  
\_\_\_\_\_  
Signature of John Crooks

Date: 5-16-01

  
\_\_\_\_\_  
Signature of Ronald Barrett

Date: April 18, 2001

  
\_\_\_\_\_  
Signature of Shyam Miglani